INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/25438

A. CLASSIFICATION OF SUBJECT MATTER IPC(7) : B28C 5/58 US CL : 366/54					
According to International Patent Classification (IPC) or to both national classification and IPC					
B. FIELDS SEARCHED					
Minimum documentation searched (classification system followed by classification symbols) U.S.: 366/54, 53, 63, 57					
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched					
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)					
C. DOCUMENTS CONSIDERED TO BE RELEVANT					
Category *				Relevant to claim No.	
A	JP 53-88261 A (KUWABARA) 03 August 1978 (03.08.1978), see entire document.			1-56	
A US 2,511,240 A (BOHMER et al) 13 JUNE 1950 (13.0		3.06.1950), see entir	re document.	1-56	
A	A US 4,435,082 A (BISHOP) 06 MARCH 1984 (06.03		1984), see entire document. 1-56		
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Further	documents are listed in the continuation of Box C.	See pater	nt family annex.		
Special categories of cited documents:		"T" later document date and n	ment published after the intent of in conflict with the application	ernational filing date or priority cation but cited to understand the	
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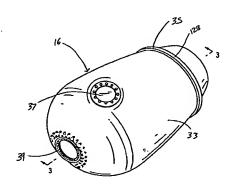
English

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(54) Title: MIXING DRUM DRIVE RING



(57) Abstract: A composite, heavy duty rotary concrete mixing drum (16) for coupling to a vehicle having a drivetrain (18) for rotating the drum (16) comprises a wall and a drive ring. The wall defines a first end of the drum and a second end of the drum. The drive ring (39) is coupled to the first end of the drum and includes a hub (108, 252) and a plurality of extensions (110, 254). The hub is operatively coupled to the drivetrain. The plurality of extensions (110, 254) extend outwardly from the hub (108, 252) into the wall of the drum. At least one of the extensions includes an aperture (121, 126) extending therethrough. Rotation of the hub by the second drivetrain causes rotation of the drum.



